

Fig. 1A

	19	1	OE-L
	46	56	Three frame translational stop
5	65	69	<i>Streptomyces</i> consensus Ribosome binding site
	77	796	<i>eGFP</i>
	971	849	T4 terminator
	2101	1316	<i>aac(3)IV</i> (apramycin resistance)
10	2451	2573	T4 terminator
	2856	2745	<i>oriT</i>
	3316	3335	EZR1 sequencing primer
	3424	3442	OE-R
15	CTGTCTCTTATACACATCTCAACCATCATCGATGAATTCGGATCCTAATTAATTAATCTAGAAAGGAGGTGATCATATGGTGAGCAAGGGCGAGGAGCTGTTCACCGGGGTGGTGCCCATCCTGGTCGAGCTGGACGGCGACGTAAACGGCCACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCCGTGCCCTGGCCACCCCTCGTGACCACCCCTGACCTACGGCGTGCA		
20	GTGCTTCAGCCGCTACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACAA		
	GACCCGCGCCGAGGTGAAGTTCGAGGGCGACACCCTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGGCAACATCCTGGGGCACAAGCTGGAGTACAAC		
	CAACAGCCACAACGTCTATATCATGGCCGACAAGCAGAAGAACGGCATCAAGGTGAAC		
25	CTTCAAGATCCGCCACAACATCGAGGACGGCAGCGTGACGCTCGCCGACCACTACCA		
	GCAGAACACCCCCATCGGCGACGGCCCCGTGCTGCTGCCCGACAACCACTACCTGAG		
	CACCCAGTCCGCCCTGAGCAAAGACCCCAACGAGAAGCGCGATCACATGGTCTGCT		
	GGAGTTCGTGACCGCCGCGGGATCACTCTCGGCATGGACGAGCTGTACAAGTAAAG		
	CGGCCGCTTAAGGTACCGAATTCGAGGGGGATCCGGTGATTGATTGAGCAAGCTTTA		
30	TGCTTGTAACCGTTTTTGTGAAAAAATTTTTTAAATAAAAAAGGGGACCTCTAGGGT		
	CCCCAATTAATTAGTAATATAATCTATTAAAGGTCATTCAAAGGTCATCCACCGGA		
	TCAGCTTAGTAAGCCCTCGCTAGATTTTAATGCGGATGTTGCGATTACTTCGCCAA		
	CTATTGCGATAACAAGAAAAAGCCAGCCTTTCATGATATATCTCCCAATTTGTGTAG		
	GGCTTATTATGCACGCTTAAAAATAATAAAAGCAGACTTGACCTGATAGTTTGGCTG		
35	TGAGCAATTATGTGCTTAGTGCATCTAACGCTTGAGTTAAGCCGCGCCGCGAAGCGG		
	CGTCGGCTTGAACGAATTGTTAGACATTATTTGCCGACTACCTTGGTGATCTCGCCT		
	TTCACGTGTTGCCCCAGCAATCAGCGCGACCTTGCCCCCTCCAACGTCATCTCGTTCT		
	CCGCTCATGAGCTCAGCCAATCGACTGGCGAGCGGCATCGCATTCTTCGCATCCCGC		
	CCTCTGGCGGATGCAGGAAGATCAACGGATCTCGGCCAGTTGACCCAGGGCTGTCTG		
40	CCACAATGTCGCGGGAGCGGATCAACCGAGCAAAGGCATGACCGACTGGACCTTCCT		
	TCTGAAGGCTCTTCTCCTTGAGCCACCTGTCCGCCAAGGCAAAGCGCTCACAGCAGT		
	GGTCATTCTCGAGATAATCGACGCGTACCAACTTGCCATCCTGAAGAATGGTGCAAGT		
	GTCTCGGCACCCCATAGGGAACCTTTGCCATCAACTCGGCAAGATGCAGCGTCGTGT		
	TGGCATCGTGTCCCACGCCGAGGAGAAGTACCTGCCCATCGAGTTCATGGACACGGG		

Fig. 1B

CGACCGGGCTTGCAGGCGAGTGAGGTGGCAGGGGCAATGGATCAGAGATGATCTGCT
CTGCCTGTGGCCCCGCTGCCGCAAAGGCAAATGGATGGGCGCTGCGCTTTACATTTG
GCAGGCGCCAGAATGTGTCAGAGACAACTCCAAGGTCCGGTGTAACGGGCGACGTGG
5 CAGGATCGAACGGCTCGTCGTCCAGACCTGACCACGAGGGCATGACGAGCGTCCCTC
CCGGACCCAGCGCAGCACGCAGGGCCTCGATCAGTCCAAGTGGCCCATCTTCGAGGG
GCCGGACGCTACGGAAGGAGCTGTGGACCAGCAGCACACCGCCGGGGGTAAACCCAA
GGTTGAGAAGCTGACCGATGAGCTCGGCTTTTCGCCATTCTGTATTGCACGACATTGC
ACTCCACCGCTGATGACATCAGTCGATCATAGCACGATCAACGGCACTGTTGCAAAT
10 AGTCGGTGGTGATAAACTTATCATCCCCTTTTGCTGATGGAGCTGCACATGAACCCA
TTCAAAGGCCGGCATTTCAGCGTGACATCATTCTGTGGGCCGTACGCTGGTACTGC
AAATACGGCATCAGTTACCGTGAGCCGGATCAGTGAGGGTTTGCAACTGCGGGTCAA
GGATCTGGATTTTCGATCACGGCACGATCATCGTGCGGGAGGGCAAGGGCTCCAAGGA
TCGGGCCTTGATGTTACCCGAGAGCTTGGCACCCAGCCTGCGCGAGCAGGGGAATTG
15 ATCCGGTGGATGACCTTTTGAATGACCTTTAATAGATTATATTACTAATTAATTGGG
GACCCTAGAGGTCCCCTTTTTTATTTTAAAAATTTTTTCACAAAACGGTTTACAAGC
ATAAAGCTTGCTCAATCAATCACCGGATCCCCGACCTGCAGGTCGACTTTTCCGCTG
CATAACCCTGCTTCGGGGTCATTATAGCGATTTTTTTCGGTATATCCATCCTTTTTTCG
CACGATATACAGGATTTTGCCAAAGGGTTCGTGTAGACTTTCCTTGGTGTATCCAAC
20 GCGTCAGCCGGGCAGGATAGGTGAAGTAGGCCACCCGCGAGCGGGTGTTCCTTCT
TCACTGTCCCTTATTCGCACCTGGCGGTGCTCAACGGGAATCCTGCTCTGCGAGGCT
GGCCGGCTACCGCCGGCGTAACAGATGAGGGCAAGCGGATGGCTGATGAAACCAAGC
CAACCAGGAAGGGCAGCCCACCTATCAAGGTGTACTGCCTTCCAGACGAACGAAGAG
CGATTGAGGAAAAGGCGGCGGCGGCGGCATGAGCCTGTGCGCCTACCTGCTGGCCG
25 TCGGCCAGGGCTACAAAATCACGGGCGTCGTGGACTATGAGCACGTCCGCGAGCTGG
CCCGCATCAATGGCGACCTGGGCCGCCTGGGCGGCCTGCTGAAACTCTGGCTCACCG
ACGACCCGCGCACGGCGCGGTTCGGTGATGCCACGATCCTCGCCCTGCTGGCGAAGA
TCGAAGAGAAGCAGGACGAGCTTGGCAAGGTCATGATGGGCGTGGTCCGCCCCGAGGG
CAGAGCCATGACTTTTTTTAGCCGCTAAAACGGCCGGGGGGTGCGCGTGATTGCCAAG
30 CACGTCCCCATGCGCTCCATCAAGAAGAGCGACTTCGCGGAGCTGGTGAAGTACATC
ACCGACGAGCAAGGCAAGACCGATCCCCGGGGACCTGCAGGCATGCAAGCTTCAGGG
TTGAGATGTGTATAAGAGACAG

Fig. 2

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